

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"10/811320"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/18 00:21
L2	50	(rotary near3 atomiz\$5) (vibrat\$4 same plate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L3	219	((bell or rotary or \$5sonic) near3 atomiz\$5) (vibrat\$4 with plate)	USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L4	63	atomiz\$5 (vibrat\$4 near3 plate) rotary	USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L5	276	((bell or rotary or \$5sonic) near3 atomiz\$5) (vibrat\$4 with plate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L6	4	((bell or rotary or \$5sonic) near3 atomiz\$5) (vibrat\$4 with plate) (rotary with head)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L7	26	((bell or rotary or \$5sonic) near3 atomiz\$5) (vibrat\$4 with plate) rotary	USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L8	2896	(rotary near3 atomiz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L9	47	atomiz\$5 (vibrat\$4 near3 (plate or plane or member or piece or part)) rotar\$ \$5sonic\$5	USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L10	2770	(239/1,4,7,693,699,700-703,102.1,102.2,403,63).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/12/18 00:23
L11	563	L10 and \$5sonic\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L12	337	L11 and (rota\$8 or radia\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L13	15	(atomiz\$5 with (vibrat\$7 near3 \$5sonic\$5)) (radial\$ with (spatter\$ or spray\$))	USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23

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L14	110	L11 and (rota\$8 or radia\$5).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L15	68	L11 and (rota\$8 or radia\$5).clm. and \$5sonic\$5.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L16	1	L10 and (rotary near3 atomiz\$5). ab,clm. and \$5sonic\$5.ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L17	98	L10 and (rotary near3 atomiz\$5). ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L18	8	(atomiz\$5 with (vibrat\$7 near3 \$5sonic\$5)) (radial\$ with (spatter\$ or spray\$))	US-PGPUB	AND	ON	2007/12/18 00:23
L19	292	((ultrasonic or supersonic) near3 atomiz\$5) ((rota\$8 or radia\$5) with (spatter\$4 or spray\$4 or coat\$4)) (method or means).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L20	497	((ultrasonic or supersonic) near3 atomiz\$5) ((rota\$8 or radia\$5) with (spatter\$4 or spray\$4 or coat\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L21	4	(("4153201") or ("4540123") or ("4981425") or ("5122047")).PN.	US-PGPUB; USPAT	OR	OFF	2007/12/18 00:23
L22	139	((ultrasonic or supersonic) with atomiz\$5) ((rota\$8 or radia\$5) with (spatter\$4 or spray\$4 or coat\$4)) not L20	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L23	205	L20 not L19	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L24	428	((annulus or annular) near3 (vibrat\$4)) and (supersonic or ultrasonic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L25	2303	(annulus or annular) near3 (vibrat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23

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L26	52	((annulus or annular) near3 (vibrat\$4)) and (supersonic or ultrasonic) and atomiz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L27	324	(239/102.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/12/18 00:23
L28	354	(vibrat\$5 adj (plate or plane or member or element or part or surface)) with atomiz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L29	81	L28 and (annulus or annular)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L30	5343	(vibrating or vibrational) adj plate	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L31	56	((vibrating or vibrational) adj plate) with atomiz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L32	467	((vibrating or vibrational) adj plane)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L33	13	((vibrat\$5) adj plane) and atomiz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L34	1968	((vibrat\$5) and (annul\$2)) and atomiz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L35	245	((vibrat\$5) with (annul\$2)) and atomiz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L36	66	((vibrat\$5) with (annul\$2)) with atomiz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L37	293	("cylindrical horn" or (horn near3 (cylinder or cylindr\$4))) with (supersonic or ultrasonic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23

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L38	46	("cylindrical horn" or (horn near3 (cylinder or cylindr\$4))) with (supersonic or ultrasonic) and atomiz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L39	52	("cylindrical horn" or (horn near3 (cylinder or cylindr\$4))) with (supersonic or ultrasonic) and rotary	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L40	29	annul\$2 adj horn	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L41	12	acoustic adj atomiz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L42	1369	cylind\$5 near3 horn	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L43	36	L42 SAME atomiz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L44	401	annul\$2 near3 horn	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L45	8	L44 SAME atomiz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L46	68	(paint\$3 or apply\$3 or applicat\$3 or coat\$3) same (\$5sonic\$4 with atomiz\$5) same (rotary or rotation\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L47	1	(paint\$3) same ((\$5sonic\$4 or acoustic) with atomiz\$5) same spatter\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L48	8	(paint\$3) same (\$5sonic\$4 with atomiz\$5) same (rotary or rotation\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L49	9634	(cylind\$5 or annul\$2) near4 ((plurality or number or discrete) near3 (segment or section))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23

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L50	59	(paint\$3) same ((\$5sonic\$4 or acoustic) with atomiz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L51	885	(427/421.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/18 00:28
L52	2	L51 and atomiz\$5 and spatter\$3 and \$5sonic\$4	US-PGPUB; USPAT	OR	ON	2007/12/18 00:29
L53	4	L51 and atomiz\$5 and spatter\$3	US-PGPUB; USPAT	OR	ON	2007/12/18 00:29
L54	171	L51 and atomiz\$5	US-PGPUB; USPAT	OR	ON	2007/12/18 00:29
L55	66	L51 and atomiz\$5 and (annul\$2 or cylind\$5)	US-PGPUB; USPAT	OR	ON	2007/12/18 00:32
L56	97	(method or process) and (rotary with (head or spatter\$3)) and atomiz\$5	US-PGPUB	OR	ON	2007/12/18 00:33
L57	16	(method or process) and (rotary with (head or spatter\$3)) and atomiz\$5 and \$5sonic\$4	US-PGPUB	OR	ON	2007/12/18 00:34
L58	1	((method or process) and (rotary with (head or spatter\$3)) and atomiz\$5 and \$5sonic\$4).clm.	US-PGPUB	OR	ON	2007/12/18 00:34
L59	215	((method or process) and atomiz\$5 and \$5sonic\$4).clm.	US-PGPUB	OR	ON	2007/12/18 00:34
L60	26	((method or process) and atomiz\$5 and \$5sonic\$4 and rota\$4).clm.	US-PGPUB	OR	ON	2007/12/18 00:35
L61	22	((coat\$3 or spray\$3 or paint\$3) and atomiz\$5 and \$5sonic\$4 and rota\$4).clm.	US-PGPUB	OR	ON	2007/12/18 00:35